IN THE CLAIMS

Please amend the claims as follows. This listing replaces all prior versions.

- 1. (Currently amended) A method for determining active plasminogen activator inhibitor-Type 1 (PAl-1) in a biological fluid, the method comprising the steps of:
 - (i) providing a sample of a biological fluid; and
 - (ii) measuring the amount of PAI-1/multimeric vitronectin complex in a sample of the hiological fluid the sample to determine active PAI-1 in the sample hiological fluid.
- 2. (Currently amended) The method of claim 1, wherein step (ii)measuring the amount of PAI-1/multimeric vitronectin complex in the sample comprises the steps of:
 - (a) contacting the sample either simultaneously or stepwise with a first antibody which binds selectively to PAI-1 and a labelled second antibody which binds selectively to multimeric vitronectin; and
 - (b) determining the second antibody bound to the complex to measure the amount of PAI-1/multimeric vitronectin complex in the sample.
- 3. (Currently amended) The method of claim 1, wherein step (ii)measuring the amount of PAI-1/multimeric vitronectin complex in the sample comprises the steps of:
 - (a) contacting the sample either simultaneously or stepwise with a first antibody which binds selectively to multimeric vitronectin and a labeled second antibody which binds selectively to PAI-1; and
 - (b) determining the second antibody bound to the complex to measure the amount of PAI-1/multimeric vitronectin complex in the sample.
- 4. (Currently amended) The method of claim 1, wherein step (ii)measuring the amount of PAI-1/multimeric vitronectin complex in the sample comprises the steps of:
 - (a) contacting the sample either simultaneously or stepwise with a first antibody which binds selectively to PAI-1 and a labeled second antibody which binds selectively to multimeric vitronectin;
 - (b) separating the PAI-1/multimeric vitronectin/first antibody/second antibody complex formed in step (a) from the sample; and
 - (c) determining the second antibody bound to the complex to measure the amount of PAI-1/multimeric vitronectin complex in the sample.
- 5. (Currently amended) The method of claim 1, wherein step (ii) measuring the amount of PAI-1/multimeric vitronectin complex in the sample comprises the steps of:
 - a) contacting the sample either simultaneously or stepwise with a first antibody which binds selectively to multimeric vitronectin and a labelled second antibody which binds selectively to PAI-1;
 - (b) separating the PAI-1/multimeric vitronectin/first antibody/second antibody complex formed in step (a) from the sample; and

- (c) determining the second antibody bound to the complex to measure the amount of PAI-1/multimeric vitronectin complex in the sample.
- 6. (Currently amended) The method of claim 1, wherein step (ii)measuring the amount of PAI_1/multimeric vitrouectin complex in the sample comprises the steps of:
 - simultaneously contacting the sample with a first antibody which binds selectively to PAI-1, the first antibody being immobilized on a solid support, and with a labelled second antibody which binds selectively to multimeric vitronectin; and
 - (b) determining the second antibody bound to the solid support to measure the amount of PAI-1/multimeric vitronectin complex in the sample.
- 7. (Currently amended) The method of claim 1, wherein step (ii)measuring the amount of PAI-1/multimeric vitronectin complex in the sample comprises the steps of:
 - (a) contacting the sample with a first antibody which binds selectively to PAI-1, the first antibody being immobilized on a solid support;
 - (b) contacting the solid support with a labelled second antibody which binds selectively to multimeric vitronectin; and
 - determining the second antibody bound to the solid support to measure the amount of PAI-1/multimeric vitronectin complex in the sample.
- 8. (Currently amended) The method of claim 1, wherein step (ii)measuring the amount of PAI
 1/multimeric vitronectin complex in the sample comprises the steps of:
 - (a) simultaneously contacting the sample with a first antibody which binds selectively to multimeric vitronectin, the first antibody being immobilized on a solid support, and with a labelled second antibody which binds selectively to PAI-1; and
 - (b) determining the second antibody bound to the solid support to measure the amount of PAl-1/multimeric vitronectin complex in the sample.
- 9. (Currently amended) The method of claim 1, wherein step (ii)measuring the amount of PAI_
 1/multimeric vitronectin complex in the sample comprises the steps of f:
 - (a) contacting the sample with a first antibody which binds selectively to multimeric vitronectin, the first antibody being immobilized on a solid support;
 - (b) contacting the solid support with a labelled second antibody which binds selectively to PAI-1; and
 - (c) determining the second antibody bound to the solid support to measure the amount of PAI-1/multimeric vitronectin complex in the sample.
- 10. (Currently amended) The method of claim 1, wherein step (ii)measuring the amount of PAI_1/multimeric vitronectin complex in the sample comprises the steps of:
 - (a) contacting the sample with a first antibody which binds selectively to PAI-1, the first antibody being immobilized on a solid support;
 - (b) contacting the solid support with a second antibody which binds selectively to multimeric vitronectin:
 - (c) contacting the solid support with a labelled third antibody which binds selectively to

the second antibody; and

- (d) determining the third antibody bound to the solid support to measure the amount of PAI-1/multimeric vitronectin complex in the sample.
- 11. (Currently amended) The method of claim 1, wherein step (ii)measuring the amount of PAI_L/multimeric virtonectin complex in the sample comprises the steps of:
 - (a) contacting the sample with a first antibody which binds selectively to multimeric vitronectin, the first antibody being immobilized on a solid support;
 - (b) contacting the solid support with a second antibody which binds selectively to PAI-1;
 - (c) contacting the solid support with a labelled third antibody which binds selectively to the second antibody; and
 - (d) determining the third antibody bound to the solid support to measure the amount of PAI-l/multimeric vitronectin complex in the sample.
- 12. (Currently amended) The method of claim 1, wherein step (ii)measuring the amount of PAI-1/multimeric vitronectin complex in the sample comprises the steps of:
 - (a) contacting the sample, either simultaneously or stepwise, with a first antibody which binds selectively to PAI-1 and to which is attached one member of a capture pair and with a labelled second antibody which binds selectively to multimeric vitronectin to form a mixture;
 - (b) contacting the mixture with a solid support on which is immobilized the other member of the capture pair; and
 - determining the second antibody bound to the solid support to measure the amount of PAI-1/multimeric vitronectin complex in the sample.
- 13. (Currently amended) The method of claim 1, wherein step (ii)measuring the amount of PAL-1/multimeric vitronectin complex in the sample comprises the steps of f:
 - (a) contacting the sample either simultaneously or stepwise, with a first antibody which binds selectively to multimeric vitronectin and to which is attached one member of a capture pair and with a labelled second antibody which binds selectively to PAI-1 to form a mixture;
 - (b) contacting the mixture with a solid support on which is immobilized the other member of the capture pair; and
 - determining the second antibody bound to the solid support to measure the amount of-PAI-1/multimeric vitronectin complex in the sample.
- 14. (Previously presented) The method according to claim 1 wherein the biological fluid is selected from the group consisting of whole blood, plasma, serum, urine, saliva, amniotic fluid, cerebrospinal fluid and a tissue extract.
- 15. (Previously presented) The method according to claim 1 wherein the biological fluid is

whole blood, plasma or serum.

- 16. (Currently amended) The method according to claim +3, wherein the second antibody is labelled with a directly detectable label.
- 17. (Currently amended) The method according to claim 13, wherein the second antibody is labelled with a component of a signal-generating system.
- 18. (Original) The method of claim 17 wherein the component is an enzyme selected from the group consisting of alkaline phosphatase, amylase, luciferase, catalase, beta-galactosidase, glucose oxidase, glucose-6-phosphate dehydrogenase, hexokinase, horseradish peroxidase, lactamase, urease and malate dehydrogenase.
- 19. (Currently amended) The method according to claim ±3, wherein the second antibody is labelled with a fluorophore.
- 20. (Original) The method of claim 19 wherein the fluorophore is selected from the group consisting of a coumarin, a rare earth metal ion, chelate or chelate complex, a fluorescein, rhodamine and a rhodamine derivative.
- 21. (Currently amended) The method of any of claims 1 to 15 claim 3, wherein the second antibody is labeled with a luminescent material.
- 22. (Original) The method of claim 21 wherein the luminescent material is selected from the group consisting of a cyclic diacyl hydrazide, luminol, isoluminol, an acridinium ester, a pyridopyridazine, a dioxerane, a bioluminescent protein and a luciferase.
- 23. (Previously presented) The method of claim 1 wherein the second antibody is labelled with a label selected from the group consisting of a metal complex, a stable free radical, a vesicle, a liposome, a colloidal particle, a latex particle, a spin label and biotin/avidin.
- 24. (Currently amended) The method of any one of claims 6 to 13claim 6, wherein the solid support is selected from the group consisting of an ELISA plate, a polyacrylamide matrix, a polystyrene tube, polystyrene beads, latex particles, paramagnetic particles, acrylic particles and gelatin particles.
- 25. (Original) A kit for determining active PAI-1 in a biological fluid comprising:
 - (a) a first antibody which binds selectively to PAI-l; and
 - (b) a labelled second antibody which binds selectively to multimeric vitronectin.
- 26. (Original) A kit for determining active PAI-1 in a biological fluid comprising:
 - (a) a first antibody which binds selectively to multimeric vitronectin; and;
 - (b) a labelled second antibody which binds selectively to PAI-1.

- 27. (Previously presented) The kit of claim 25 wherein said first antibody is immobilized on a solid support.
- 28. (Previously presented) The kit of claim 25 further comprising a set of calibration standards.
- 29. (Original) A kit for determining active PAI-1 in a biological fluid comprising:
 - (a) a first antibody which binds selectively to PAl-1;
 - (b) a second antibody which binds selectively to multimeric vitronectin; and
 - (c) a labelled third antibody which binds selectively to said second antibody.
- 30. (Previously presented) The kit of claim 29 wherein said first antibody is immobilized on a solid support.
- 31. (Currently amended) The kit of claim 29 further comprising a set of calibration is standards.
- 32. (Previously presented) The kit of claim 26 wherein said first antibody is immobilized on a solid support.
- 33. (Previously presented) The kit of claim 26 further comprising a set of calibration standards.